FILED VIA ECFS

December 3, 2018

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20510

Brian Hendricks
Government Relations
Nokia

Address:
601 Pennsylvania Avenue, NW
Ninth Floor
Washington, DC 20004

Email:
brian.hendricks@nokia.com

Re: Correction of Technical Proposal, Comments of Nokia, GN Docket No. 18-122, RM-11791, and RM-11778

Dear Ms. Dortch:

On October 29, 2018, Nokia submitted Comments in the above-captioned proceeding that included a Technical Appendix and conclusions. Nokia has since determined that one of the numbers provided was incorrect, and we are submitting this letter to correct the record and facilitate more informed submissions on Reply.

Specifically, Nokia's Comments incorrectly proposed a 5G Base Station spectrum mask of -13dBm/1 MHz from 0-20 MHz offset from the 5G spectrum block.[1] -13dBm should instead be -3dBm. As such, Nokia corrects the 5G Base Station spectrum mask proposed in our filed Comments to:

- -3dBm/1MHz from 0 to 20MHz offset from the 5G spectrum block
- -40dBm/1MHz from 20MHz to 40MHz offset from the 5G spectrum block
- -50dBm/1MHz for frequency offset greater than 40MHz

Only the underlined text is changed (from -13dBm to -3dBm). The remainder of Nokia's Comments remains unchanged.

This relaxation of emissions limit in the first 20 MHz outside of the 5G spectrum block would facilitate implementation of 5G base station for large bandwidths while still protecting Fixed Satellite Service (FSS) Earth Stations since we are proposing a guard band of 20 MHz between 5G and FSS, at which point the emission drops to -40dm/1MHz into the FSS spectrum block. Indeed, the coexistence

[1] Comments of Nokia at p, 14 and Appendix, p.7.

study provided in our Comments shows that -40dm/1MHz at 20MHz frequency offset and -50dBm/1MHz at 40MHz frequency offset would protect FSS earth station receivers.

As stated in our Comments, Nokia also believes that the 20 MHz guard band would be enough for a filter on the earth station receiver to provide the necessary rejection performance that would prevent 5G transmission from saturating the Low Noise Block converter (LNB) of the earth stations if that proves to be an issue.

Please contact the undersigned with any questions in connection with this submission.

Respectfully submitted,

/s/ Brian Hendricks

Brian Hendricks